

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 1914 | ((264/511) or (264/516)).OCLS.                      | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/04/08<br>13:43 |
| L2    | 26   | L1 and @pd>= "20090907"                             | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/04/08<br>13:43 |
| S1    | 9    | ("2913036"   "5052906"   "5565162"   "5968445").PN. | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/15<br>14:01 |
| S2    | 2    | "2002172630"  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/18<br>09:15 |
| S3    | 2    | "08025386"  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/18<br>09:16 |
| S4    | 4    | "2001064406"  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/18<br>09:16 |
| S5    | 1    | "56127426"  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/18<br>09:17 |

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| S6  | 2     | "20060125155"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/04<br>11:01 |
| S8  | 80124 | (264/239-339).OCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/04<br>15:43 |
| S9  | 27798 | S8 and resin  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/04<br>15:44 |
| S10 | 80124 | (264/239-339).OCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/04<br>16:44 |
| S11 | 27798 | S10 and resin   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/04<br>16:44 |
| S12 | 2820  | S11 and (resin near3<br>(withdraw\$3 or vacuum\$3<br>or suck\$3 or evacuat\$3 or<br>remov\$3 or draw\$3)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/04<br>16:44 |
| S13 | 2086  | S11 and (resin near2<br>(withdraw\$3 or vacuum\$3<br>or suck\$3 or evacuat\$3 or<br>remov\$3 or draw\$3)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/04<br>16:46 |
| S14 | 1063  | S11 and (resin near<br>(withdraw\$3 or vacuum\$3<br>or suck\$3 or evacuat\$3 or<br>remov\$3 or draw\$3))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/04<br>16:46 |
| S15 | 1063  | S10 and (resin near<br>(withdraw\$3 or vacuum\$3<br>or suck\$3 or evacuat\$3 or<br>remov\$3 or draw\$3))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/04<br>16:50 |

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| S16 | 440  | S10 and (resin near (withdraw\$3 or vacuum\$3 or suck\$3 or evacuat\$3 or draw\$3))   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/04 16:53 |
| S17 | 274  | S10 and (resin near (withdraw\$3 or vacuum\$3 or suck\$3 or evacuat\$3))  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/04 16:55 |
| S19 | 22   | (" 2794756"   "3117273"   "3746589"   "4267142"   "4311661"   "4312829"   "4812115"   "4889668"   "4902215"   "4942013"   "5023041"   "5087193"   "5152949"   "5266259"   "5328656"   "5364584").PN. OR ("5565162").URPN. | US-PGPUB; USPAT; USOCR                                   | OR | ON | 2008/09/08 17:06 |
| S20 | 21   | (US-20050281999-\$).did. or (US-4916000-\$ or US-5093158-\$ or US-6562435-\$ or US-6686034-\$ or US-5976437-\$ or US-4680224-\$ or US-4501856-\$).did. or (US-3684622-\$).did. or (WO-2004109213-\$).did.                 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 09:07 |
| S21 | 2    | S20 and (fiber near volume)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 09:07 |
| S22 | 5388 | fiber near volume   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 09:47 |
| S23 | 299  | fiber near volume near content  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 09:47 |
| S24 | 3463 | fiber adj volume  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 09:47 |

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| S25 | 248   | fiber adj volume adj content   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/09<br>09:47 |
| S26 | 32886 | vf   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/09<br>09:47 |
| S27 | 2265  | vf and fiber and volume  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/09<br>09:48 |
| S28 | 1394  | vf and fiber and volume and content                                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/09<br>09:48 |
| S29 | 80132 | (264/239-339).OCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/09<br>10:16 |
| S30 | 274   | S29 and (resin near (withdraw\$3 or vacuum\$3 or suck\$3 or evacuat\$3)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/09<br>10:16 |
| S31 | 20    | S30 and (fiber adj volume)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/09<br>10:16 |
| S32 | 0     | S31 and preset   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/09<br>14:24 |
| S33 | 6     | S31 and predetermined  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/09<br>14:24 |

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| S34 | 0    | ("2005/0023712").URPN.  | USPAT   | OR | ON  | 2008/09/09<br>14:37 |
| S35 | 2    | "5770127".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/09<br>14:42 |
| S36 | 2    | "4560523".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/09<br>14:45 |
| S37 | 9    | S30 and preset  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/09<br>14:48 |
| S38 | 9    | ("20010053392"  <br>"3317962"   "4787834"  <br>"4832883"   "4879077"  <br>"5002717"   "5679384"  <br>"5756037").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/09/09<br>15:08 |
| S39 | 4    | preset adj (amount or<br>volume) adj resin  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/09/09<br>15:12 |
| S40 | 87   | specific adj (amount or<br>volume) adj resin  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/09/09<br>15:12 |
| S41 | 44   | S40 and fiber   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/09/09<br>15:13 |
| S42 | 13   | S41 and mold  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/09/09<br>15:13 |
| S43 | 2144 | resin same preset   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/09/09<br>15:16 |
| S44 | 276  | S43 and fiber and mold  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/09/09<br>15:17 |
| S45 | 874  | resin with preset   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/09/09<br>15:17 |
| S46 | 119  | S45 and fiber and mold  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/09/09<br>15:17 |
| S47 | 1877 | ((264/511) or (264/516)).<br>CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/04<br>14:57 |

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| S48 | 5    | ("2913036").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/03<br>10:27 |
| S49 | 60   | ("2913036").URPN.   | USPAT   | OR | OFF | 2009/09/03<br>10:28 |
| S50 | 2    | ("20070175577").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/03<br>11:01 |
| S51 | 13   | (("7189345") or ("3575756")<br>or ("20040219244") or<br>("5863452") or ("5000902")).<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/03<br>11:43 |
| S52 | 34   | sewell-terry\$.in. or wanthal-<br>steven\$.in.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/08<br>10:41 |
| S53 | 2    | ("20050035478").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/08<br>10:41 |
| S54 | 23   | ("0944955"   "2913036"  <br>"3309450"   "3575756"  <br>"3703422"   "4124678"  <br>"4238437"   "4311661"  <br>"4312829"   "4353862"  <br>"4562033"   "4622091"  <br>"4873044"   "4873055"  <br>"4880583"   "4902215"  <br>"4942013"   "5518385").PN.<br>OR ("7189345").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/09/08<br>10:41 |
| S56 | 1888 | ((264/511) or (264/516)).<br>CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/08<br>11:38 |
| S57 | 11   | S56 and @pd>= "20090203"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/08<br>11:39 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query  | DBs                      | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------------|------------------|---------|------------------|
| L3    | 112  | sekido-toshihide\$.in. or<br>kitaoka-kazuaki\$.in. or<br>odani-hiroshi\$.in. or<br>nishiyama-shigeru\$.in.<br>or shimizu-masahiko\$.in. | US-PGPUB;<br>USPAT; UPAD | OR               | OFF     | 2010/04/08 13:51 |
| L4    | 42   | L3 and resin  | US-PGPUB;<br>USPAT; UPAD | OR               | OFF     | 2010/04/08 13:52 |
| L8    | 40   | "Term Removed" or<br>"Term Removed" or<br>"Term Removed"  | US-PGPUB;<br>USPAT       | OR               | ON      | 2010/04/08 13:52 |
| L9    | 2    | L4 not L8   | US-PGPUB;<br>USPAT; UPAD | OR               | OFF     | 2010/04/08 13:52 |
| S58   | 106  | sekido-toshihide\$.in. or<br>kitaoka-kazuaki\$.in. or<br>odani-hiroshi\$.in. or<br>nishiyama-shigeru\$.in.<br>or shimizu-masahiko\$.in. | US-PGPUB;<br>USPAT; UPAD | OR               | OFF     | 2009/09/08 11:42 |
| S59   | 40   | S58 and resin   | US-PGPUB;<br>USPAT; UPAD | OR               | OFF     | 2009/09/08 11:42 |
| S60   | 115  | 264/102.ccls. and<br>264/257.ccls.  | US-PGPUB;<br>USPAT; UPAD | OR               | OFF     | 2009/09/08 11:59 |
| S61   | 8    | 264/102.ccls. and<br>264/257.ccls. and<br>264/236.ccls.   | US-PGPUB;<br>USPAT; UPAD | OR               | OFF     | 2009/09/08 11:59 |

4/ 8/ 2010 1:53:49 PM

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